

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re patent application of**

Burkard, et al.

**Serial No.:** Not Yet Assigned

**Group Art Unit:** Not Yet Assigned

**Filing Date:** Concurrently Herewith

**Examiner:** Unknown

**For:** METHOD AND STRUCTURE TO ISOLATE A QUBIT FROM THE ENVIRONMENT

Honorable Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Under the provisions of 37 CFR §1.97 through §1.99 and pursuant to applicants' duty of disclosure under 37 CFR §1.56, applicants respectfully bring the following document listed on the attached form PTO-1449, to the attention of the Examiner in charge of the above-identified application. A copy of the listed document is provided herewith for the convenience of the Examiner.

This citation does not constitute an admission that the reference is relevant or material to the claims. It is only cited as constituting related art of which applicants are aware.

It is respectfully requested that the listed reference be considered by the Examiner and formally made of record in this application.

Please charge any deficiencies in fees and credit any overpayment of fees to Assignee's Deposit Account No. 50-0510.

Respectfully submitted,



Frederick E. Cooperrider  
Registration No. 36,769

Date: 2/23/04

**McGinn & Gibb, PLLC**  
Intellectual Property Law  
8321 Old Courthouse Road, Suite 200  
Vienna, VA 22182-3817  
(703) 761-4100  
**Customer No. 21254**

**INFORMATION DISCLOSURE CITATION***(Use several sheets if necessary)*

Docket Number (Optional)

**YOR920030615US1**

Application Number

**Not yet assigned**

Applicant(s)

**Burkard, et al.**

Filing Date

**Concurrently herewith**

Group Art Unit

**Not yet assigned****U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		S.M. Girvin, Ren-Shou Huang, Alexandre Blais, Andreas Wallraff, and R.J. Schoelkopf, "Prospects for Strong Cavity Quantum Electrodynamics with Superconducting Circuits," September 8, 2003, Yale University report, pp. 1-18.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.